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Feng-Tso Chien; Yi-Jen Chan;  
Indium Phosphide and Related Materials, 1999. IPRM. 1999 Eleventh International Conference on  
16-20 May 1999 Page(s):107 - 110  
[AbstractPlus](#) | Full Text: [PDF](#)(276 KB) IEEE CNF
- ☐ 2. **A 2pA/√Hz 622 Mb/s GaAs MESFET transimpedance amplifier**  
Taylor, S.S.; Thomas, T.P.;  
Solid-State Circuits Conference, 1994. Digest of Technical Papers. 41st ISSCC., 1994  
International  
16-18 Feb. 1994 Page(s):254 - 255  
[AbstractPlus](#) | Full Text: [PDF](#)(272 KB) IEEE CNF
- ☐ 3. **A transmission-line approach for modeling feedback resistors in integrated transimpedance amplifiers**  
Knorr, J.; Zimmermann, H.;  
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on  
and Systems I: Regular Papers, IEEE Transactions on  
Volume 50, Issue 9, Sept. 2003 Page(s):1192 - 1195  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(328 KB) IEEE JNL
- ☐ 4. **Bootstrapping techniques to improve the bandwidth of transimpedance amplifiers**  
Hoyle, C.; Peyton, A.;  
Analog Signal Processing (Ref. No. 1998/472), IEE Colloquium on  
28 Oct. 1998 Page(s):7/1 - 7/6  
[AbstractPlus](#) | Full Text: [PDF](#)(364 KB) IEE CNF
- ☐ 5. **Single- and dual-feedback transimpedance amplifiers implemented by SiGe HBT**  
Rieh, J.-S.; Qasaimeh, O.; Lu, L.H.; Yang, K.; Katehi, L.P.B.; Bhattacharya, P.; Croke,  
Microwave and Guided Wave Letters, IEEE [see also IEEE Microwave and Wireless  
Letters]  
Volume 8, Issue 2, Feb. 1998 Page(s):63 - 65  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(52 KB) IEEE JNL
- ☐ 6. **A high speed trans-impedance amplifier using 0.13 μm triple-well CMOS technology**  
Riahi, N.; Ahmady, A.F.; Loh, L.;

Circuits and Systems, 2004. ISCAS '04. Proceedings of the 2004 International Sympos  
Volume 4, 23-26 May 2004 Page(s):IV - 205-8 Vol.4

[AbstractPlus](#) | Full Text: [PDF](#)(316 KB) IEEE CNF

- ☐ **7. A CMOS infrared optical preamplifier with a variable-gain transimpedance amplif**  
Chen, R.Y.; Chih-Yuan Hung; Tsung-Shuen Hung;  
Circuits and Systems, 2004. Proceedings. The 2004 IEEE Asia-Pacific Conference on  
Volume 1, 6-9 Dec. 2004 Page(s):265 - 268 vol.1  
[AbstractPlus](#) | Full Text: [PDF](#)(616 KB) IEEE CNF
- ☐ **8. Analytical foundations of current-feedback amplifiers**  
Franco, S.;  
Circuits and Systems, 1993., ISCAS '93, 1993 IEEE International Symposium on  
3-6 May 1993 Page(s):1050 - 1053 vol.2  
[AbstractPlus](#) | Full Text: [PDF](#)(256 KB) IEEE CNF
- ☐ **9. A general purpose, broadband transimpedance amplifier**  
Smith, S.O.;  
Circuits and Systems, 1994. ISCAS '94., 1994 IEEE International Symposium on  
Volume 5, 30 May-2 June 1994 Page(s):685 - 687 vol.5  
[AbstractPlus](#) | Full Text: [PDF](#)(168 KB) IEEE CNF
- ☐ **10. An integrated 150-V<sub>pp</sub>, 12-V<sub>ins</sub>, class-AB CRT-driving amplifier**  
Blanken, P.G.; Verdaasdonk, J.P.M.;  
Solid-State Circuits, IEEE Journal of  
Volume 24, Issue 6, Dec. 1989 Page(s):1539 - 1550  
[AbstractPlus](#) | Full Text: [PDF](#)(1032 KB) IEEE JNL
- ☐ **11. 6-k/spl Omega/ 43-Gb/s differential transimpedance-limiting amplifier with auto-z  
and high dynamic range**  
Tran, H.; Pera, F.; McPherson, D.S.; Viorel, D.; Voinigescu, S.P.;  
Solid-State Circuits, IEEE Journal of  
Volume 39, Issue 10, Oct. 2004 Page(s):1680 - 1689  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(2176 KB) IEEE JNL
- ☐ **12. A Si BiCMOS transimpedance amplifier for 10-Gb/s SONET receiver**  
Kim, H.H.; Chandrasekhar, S.; Burrus, C.A., Jr.; Bauman, J.;  
Solid-State Circuits, IEEE Journal of  
Volume 36, Issue 5, May 2001 Page(s):769 - 776  
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(224 KB) IEEE JNL
- ☐ **13. Integrated 1.2  $\mu$ m CMOS photodiodes, transimpedance amplifier, 12 bits A/D con  
interface for microinstrument applications**  
Wuping Chen; Hongwei Duan; Jones, S.H.;  
Circuits and Systems, 1999. ISCAS '99. Proceedings of the 1999 IEEE International S  
Volume 1, 30 May-2 June 1999 Page(s):210 - 213 vol.1  
[AbstractPlus](#) | Full Text: [PDF](#)(320 KB) IEEE CNF
- ☐ **14. A 12 GHz 30 dB modular BiCMOS limiting amplifier for 10 Gb SONET receiver**  
Kim, H.; Bauman, J.;  
Solid-State Circuits Conference, 2000. Digest of Technical Papers. ISSCC. 2000 IEEE  
7-9 Feb. 2000 Page(s):160 - 161, 453  
[AbstractPlus](#) | Full Text: [PDF](#)(275 KB) IEEE CNF
- ☐ **15. Performance test of preamplifiers for multi-gap resistive plate chamber (MRPC)**  
Hansang Lim; Jooyoung Yoon; Sanghyun Min; Ealgoo Kim; Dongbom Choi; Jaehong F  
Nuclear Science Symposium Conference Record, 2001 IEEE

Volume 2, 4-10 Nov. 2001 Page(s):812 - 815 vol.2

[AbstractPlus](#) | Full Text: [PDF\(205 KB\)](#) IEEE CNF

- ☐ **16. A low power 5Gb/s transimpedance amplifier with dual feedback technique**  
I-Hsin Wang; Chung-Shun Liu; Shen-luan Liu;  
Advanced System Integrated Circuits 2004. Proceedings of 2004 IEEE Asia-Pacific Co  
4-5 Aug. 2004 Page(s):304 - 307  
[AbstractPlus](#) | Full Text: [PDF\(372 KB\)](#) IEEE CNF
  
- ☐ **17. A 565 Mbit/s FSK coherent system using commercial DFB lasers**  
Scooness, M.A.; Blanchflower, I.D.; Ghiggino, P.; Bononi, A.;  
Coherent Optical Communications, IEE Colloquium on  
27 Jun 1990 Page(s):6/1 - 6/3  
[AbstractPlus](#) | Full Text: [PDF\(188 KB\)](#) IEE CNF
  
- ☐ **18. Design of a Low-Power 3.5-GHz Broad-Band CMOS Transimpedance Amplifier for Transceivers**  
Hasan, S.M.R.;  
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on [C  
and Systems I: Regular Papers, IEEE Transactions on]  
Volume 52, Issue 6, June 2005 Page(s):1061 - 1072  
[AbstractPlus](#) | Full Text: [PDF\(960 KB\)](#) IEEE JNL
  
- ☐ **19. Design, simulation and performance analysis of a 40 Gbps transimpedance amplifier for fiber links**  
Rashed, M.G.; Madubata, C.D.;  
System Theory, 2004. Proceedings of the Thirty-Sixth Southeastern Symposium on  
2004 Page(s):431 - 435  
[AbstractPlus](#) | Full Text: [PDF\(1506 KB\)](#) IEEE CNF
  
- ☐ **20. An integrated 150 Vpp, 12 kV/μs class AB CRT-driving amplifier**  
Blanke, P.G.; Verdaasdonk, J.P.M.;  
Solid-State Circuits Conference, 1989. Digest of Technical Papers. 36th ISSCC., 1989  
International  
15-17 Feb. 1989 Page(s):206 - 207, 343  
[AbstractPlus](#) | Full Text: [PDF\(416 KB\)](#) IEEE CNF
  
- ☐ **21. On the design of gallium arsenide receiver pre-amplifiers for optical communication**  
Robinson, A.N.; Haigh, D.G.; Toumazou, C.;  
Circuits and Systems, 1991., IEEE International Symposium on  
11-14 June 1991 Page(s):2987 - 2990 vol.5  
[AbstractPlus](#) | Full Text: [PDF\(232 KB\)](#) IEEE CNF
  
- ☐ **22. An ultra fast current amplifier with actively self driven feedback loop**  
Haralabidis, N.; Misiakos, K.;  
Nuclear Science Symposium, 1996. Conference Record., 1996 IEEE  
Volume 1, 2-9 Nov. 1996 Page(s):403 - 406 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(260 KB\)](#) IEEE CNF
  
- ☐ **23. Monolithically integrated SiGe/Si PIN-HBT front-end transimpedance photoreceiver**  
Rieh, J.-S.; Qasaimeh, O.; Klotzkin, D.; Lu, L.-H.; Yang, K.; Katehi, L.P.B.; Bhattacharya  
E.T.;  
High Speed Semiconductor Devices and Circuits, 1997. Proceedings., 1997 IEEE/Corr  
on Advanced Concepts in  
4-6 Aug. 1997 Page(s):322 - 331  
[AbstractPlus](#) | Full Text: [PDF\(628 KB\)](#) IEEE CNF

- ☐ **24. A 5GHz CMOS voltage-current feedback wide-band transimpedance amplifier for transceivers**  
Hasan, S.M.R.;  
Electronics, Circuits and Systems, 2003. ICECS 2003. Proceedings of the 2003 10th IE  
Conference on  
Volume 2, 14-17 Dec. 2003 Page(s):567 - 570 Vol.2  
[AbstractPlus](#) | Full Text: [PDF](#)(1389 KB) [IEEE CNF](#)
- ☐ **25. High bandwidth transimpedance amplifier design using active transmission lines**  
Hyeon-Min Bae; Shanbhag, N.;  
Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Sympos  
Volume 1, 25-28 May 2003 Page(s):I-253 - I-256 vol.1  
[AbstractPlus](#) | Full Text: [PDF](#)(282 KB) [IEEE CNF](#)

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